



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Peetz Windows and Doors, Inc.
15951 SW 41 Street, Suite 150
Weston, FL 33331

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "American Outswing Fixed Casement" Wood Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. 1322, titled "American Out-Swing Fixed Casement Impact Wood Windows", sheets 1 through 7 of 7, dated 03/15/05, with revision B1 dated 10/19/11, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA# 11-1024.08 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.



Handwritten signature and date:
7/16/14

NOA No. 14-0429.09
Expiration Date: August 18, 2015
Approval Date: July 24, 2014
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. 1322, titled "American Out-Swing Fixed Casement Impact Wood Windows", sheets 1 through 7 of 7, dated 03/15/05, with revision B1 dated 10/19/11, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
(Submitted under previous NOA No. 11-1024.08)

B. TESTS


1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
along with the manufacturer's parts drawings, marked-up drawings and installation diagram of outswing & inswing wood casement windows, prepared by Hurricane Test Laboratory, LLC, Test Reports No. HTL-0284-1018-04, HTL-0284-0515-05, HTL-0284-0115-05 and HTL-0284-0116-05, dated 06/03/05, all signed and sealed by Vinu J. Abraham, P.E.
(Submitted under NOA No. 05-0622.04)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 04/07/05, revised on 04/29/10, signed and sealed by Warren W. Schaefer, P.E.
(Submitted under previous NOA No. 11-1024.08)
2. Glazing complies with ASTM E1300-04.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 14-0429.09
Expiration Date: August 18, 2015
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E. MATERIAL CERTIFICATIONS


1. Notice of Acceptance No. **12-1231.10** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 03/28/13, expiring on 05/21/16.
2. Notice of Acceptance No. **12-1231.08** issued to **Eastman Chemical Company (MA)** for their "**Saflex CP – Saflex and Saflex HP Composite Glass Interlayers with PET Core**" dated 03/28/13, expiring on 12/11/18.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC -2010** and **FBC - 5th Edition (2014)**, dated 04/10/14, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
2. Statement letter of conformance, complying with the **FBC-2007**, and of no financial interest, dated 04/08/10, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
(Submitted under NOA No. 10-0510.05)
3. Laboratory compliance letters for Test Reports No. **HTL-0284-1018-04**, **HTL-0284-0515-05**, **HTL-0284-0115-05** and **HTL-0284-0116-05**, issued by Hurricane Test Laboratory, LLC, dated 06/03/05, all signed and sealed by Vinu J. Abraham, P.E.
(Submitted under NOA No. 05-0622.04)

G. OTHERS

1. Notice of Acceptance No. **11-1024.08**, issued to Peetz Windows and Doors, Inc. for their Series "**American Outswing Fixed Casement**" Wood Fixed Window - L.M.I.", approved on 12/29/11 and expiring on 08/18/15.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 14-0429.09
Expiration Date: August 18, 2015
Approval Date: July 24, 2014

GENERAL NOTES:

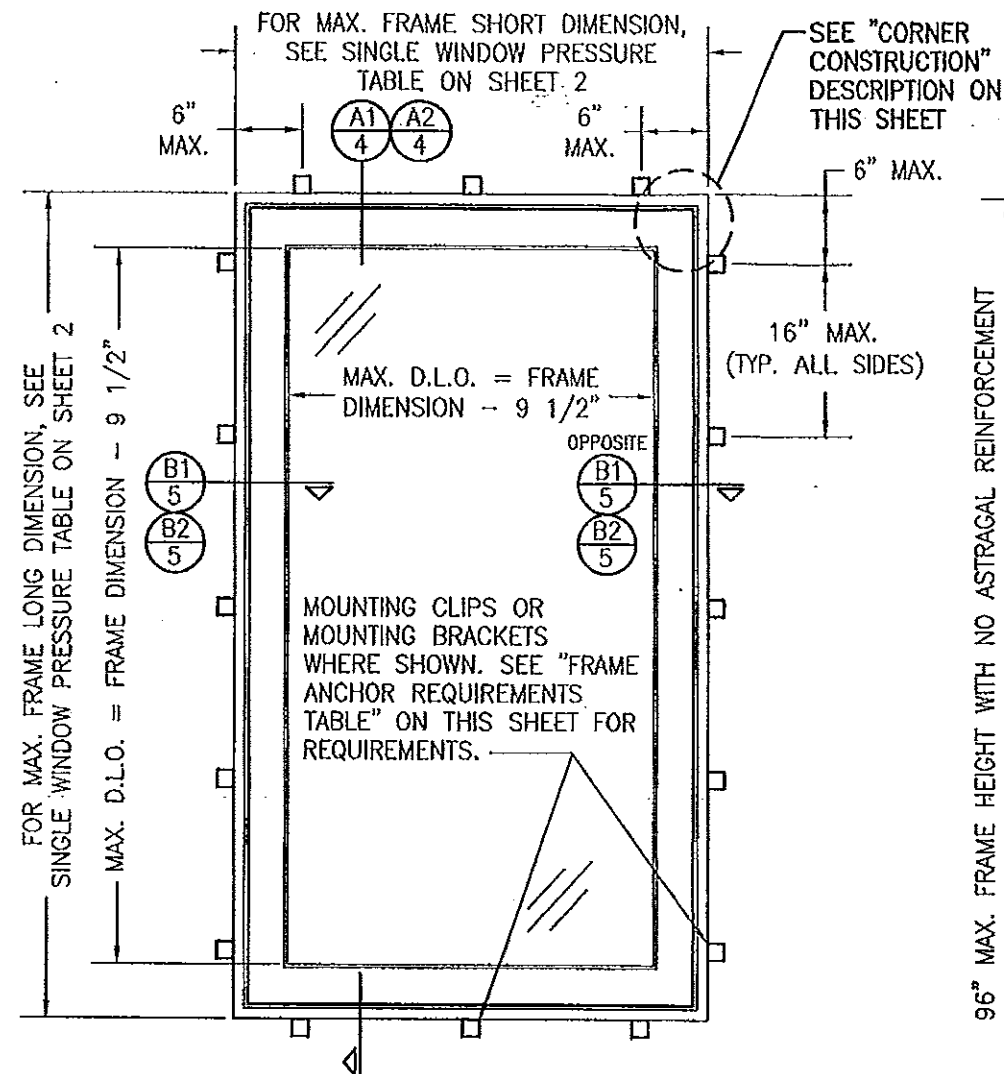
1. THESE WINDOW SYSTEMS HAVE BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT WINDOWS.
5. THESE WINDOW SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE WINDOWS.
7. ALL ANCHORS SECURING WINDOW FRAME TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
8. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF $K_d = 0.85$ MAY BE APPLIED PER THE ASCE-7 STANDARD.
9. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR $C_d = 1.6$ WAS USED FOR WOOD SCREW ANALYSIS ONLY.
10. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE CHAPTER 20.
11. ALL WOOD MEMBERS OF WINDOWS THAT MAY POSSIBLY COME INTO CONTACT WITH MASONRY OR CONCRETE SUBSTRATES, ARE SUBJECT TO MOISTURE &/OR ARE SUBJECT TO THE OUTSIDE ENVIRONMENT SHALL BE OF AN APPROVED DURABLE SPECIES OR BE TREATED IN AN APPROVED METHOD WITH AN APPROVED PRESERVATIVE PER FBC SECTION 2326.

CORNER CONSTRUCTION:

JAMBS: COPED, BUTTED TOGETHER, JOINED WITH 3 NO. 10 X 3 1/8" SCREWS & GLUED WITH BINDAN D4 OR EQUAL.

SASH: MULTI-FORKED, BUTTED & GLUED WITH BINDAN D4 OR EQUAL.

RECTANGULAR WINDOWS SHOWN. ANCHORING OF SHAPED WINDOWS IS THE SAME WITH REQUIRED ANCHOR SPACING ALONG THE FRAME CIRCUMFERENCE BEING THE SAME AS SPECIFIED FOR A STRAIGHT FRAME.



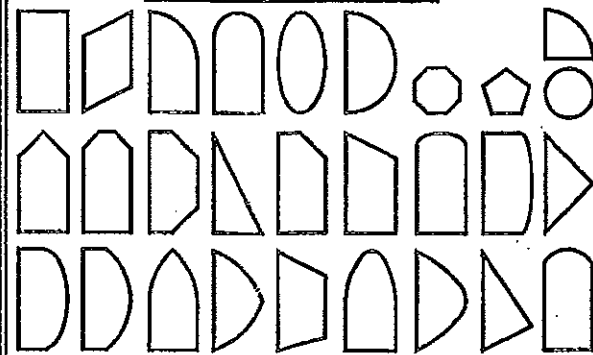
EXTERIOR ELEVATION
SINGLE FIXED WINDOW

SCALE: N.T.S.

LONG DIMENSION OF WINDOW MAY BE HORIZONTAL OR VERTICAL (HEIGHT & WIDTH MAY BE INTERCHANGED).

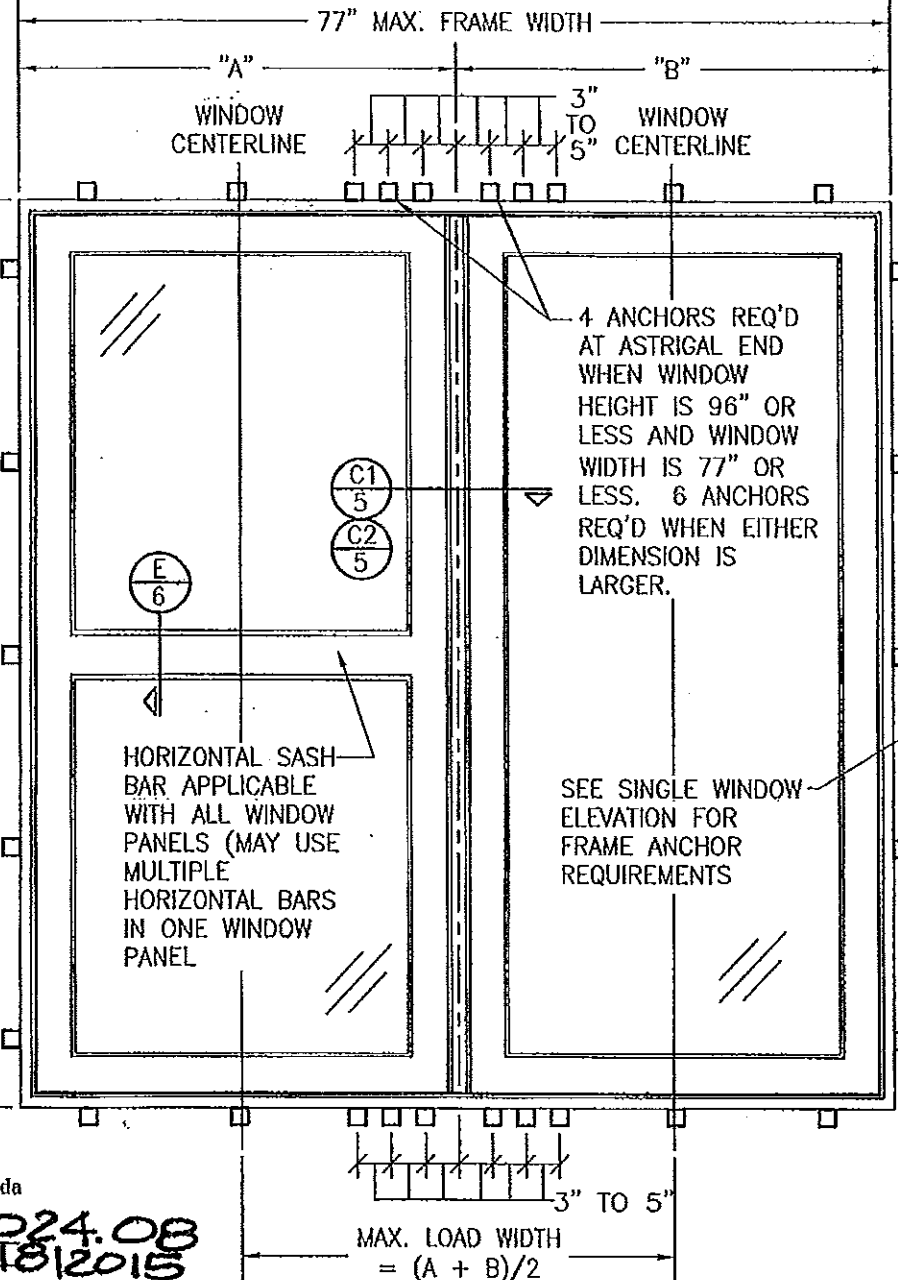
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-1024.08
Expiration Date 08/18/2015
By *Warren W. Schaefer*
Miami Dade Product Control

APPROVED SHAPES



NOTES:

1. OTHER SHAPES MAY APPLY PROVIDING THEY ARE SIMILAR TO THOSE SHOWN & HAVE CORNER CONSTRUCTION AS DESCRIBED ON THIS SHEET.
2. ALL SHAPED UNITS MUST FIT INSCRIBED INTO THE ALLOWABLE RECTANGULAR UNITS & BE GOVERNED BY THE ALLOWABLE PRESSURE OF THE RESPECTIVE RECTANGULAR UNIT.



EXTERIOR ELEVATION
DOUBLE FIXED WINDOW WITH ASTRAGAL

SCALE: N.T.S.

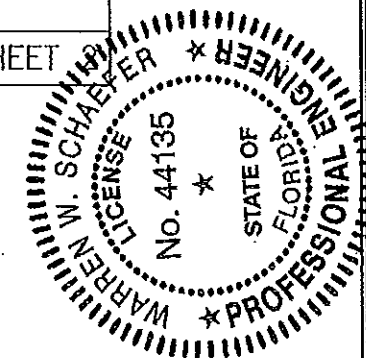
SEE SINGLE WINDOW ELEVATION FOR WINDOW DETAIL NOT SHOWN

ALLOWABLE DESIGN PRESSURE
(ALL CONDITIONS)

SEE LOAD TABLES ON SHEET

PRODUCT REVISED
complying with the Florida
Building Code
Acceptance No. 14-0429.09
Expiration Date 08/18/2015
By *Warren W. Schaefer*
Miami Dade Product Control

THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.



DRAWN BY: S.J.R.		CHECKED BY: W.W.S.	
PLOT: 1-16		DATE: 3/15/05	
NO.	REVISION	DESCRIPTION	DATE
A1	UPDATE TO PRESENT STANDARDS	W.W.S.	02/06/10
B1	CHANGE CONSULTANT'S ADDRESS	W.W.S.	10/19/11
DRAWING TITLE: AMERICAN OUT-SWING FIXED CASEMENT IMPACT WOOD WINDOWS			
MANUFACTURER: PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE 561-744-3424			
DRAWING NO. 1322		REV. B	
SHEET NO. 1		OF 7	

FRAME ANCHOR REQUIREMENTS TABLE

OPENING TYPE (SUBSTRATE)	CLIP/BACKET TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
MOUNTING CLIP SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS OR WOOD SCREW	1 3/8"	1/2"
MIN. 1/8" THK A36 STEEL	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MOUNTING BRACKET SCREWS			
MIN. 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS OR WOOD SCREW	1 3/8"	1/2"
MIN. 18 GA. 33 KSI METAL STUD	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"

(1) CONCRETE SCREWS SHALL BE ELCO ULTRACONS, ELCO CRETE-FLEX, ITW RAMSET/RED HEAD TAPCONS OR HILTI KWIK-CON II (HARDENED STEEL OR S.S.).

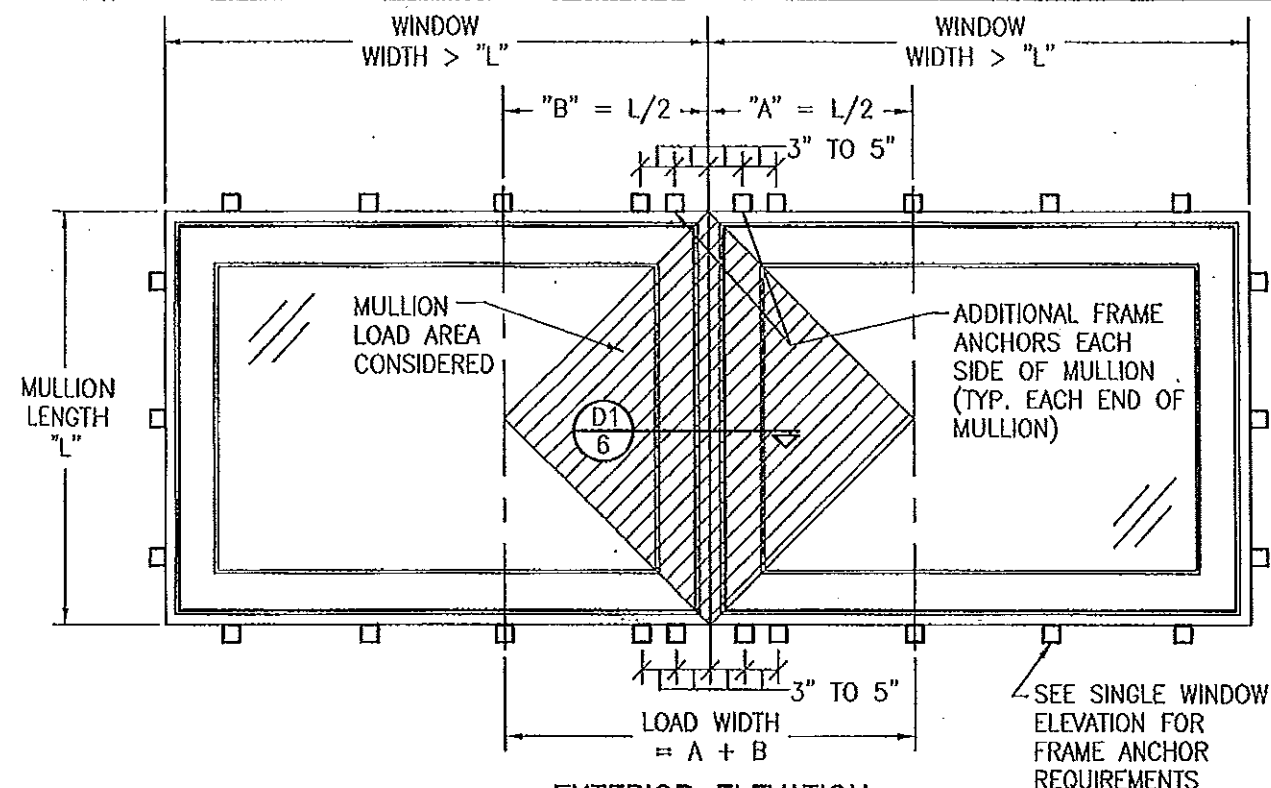
ALLOWABLE SINGLE WINDOW DESIGN PRESSURE					
MAXIMUM FRAME LONG DIMENSION (IN.)	MAXIMUM FRAME SHORT DIMENSION (IN.)	ALLOWABLE PRESSURE (POS. & NEG. PSF)			
		WITH I.G. GLAZING		WITH NON-I.G. GLAZING	
		OPTION 1	OPTION 2	OPTION 1	OPTION 2
132	39	75.0	75.0	75.0	75.0
120	42	71.9	71.9	71.9	71.9
	36	75.0	75.0	75.0	75.0
108	48	66.8	66.8	65.2	65.2
	42	73.7	73.7	73.7	73.7
	36	75.0	75.0	75.0	75.0
	54		64.2		64.2
96	48	69.2	69.2	69.2	69.2
	42	75.0	75.0	75.0	75.0
	39	75.0	75.0	75.0	75.0
90	54		65.9		65.9
	48	72.8	72.8	72.8	72.8
	42	75.0	75.0	75.0	75.0
	60		64.6		64.6
84	54		68.0		68.0
	48	72.7	72.7	72.7	72.7
	44	75.0	75.0	75.0	75.0
	66		65.5		65.5
78	60		67.5		67.5
	54		70.6		70.6
	48	75.0	75.0	75.0	75.0
72	66		68.2		68.2
	60		71.2		71.2
	54	73.9	73.9	73.9	73.9
	52	75.0	75.0	75.0	75.0
	48	75.0	75.0	75.0	75.0
66	66		68.2		68.2
	60	75.0	75.0	75.0	75.0
60	60	75.0	75.0	75.0	75.0

NOTES:

1. SEE GLAZING DETAILS FOR GLAZING OPTIONS
2. CROSSED OUT BOXES DESIGNATE SIZES NOT ACCEPTABLE FOR THE RESPECTIVE GLASS OPTION.

FIXED ASTRIGAL ALLOWABLE LOAD TABLE			
MAXIMUM ASTRIGAL SPAN (IN.)	MAXIMUM LOAD WIDTH (IN.)	ALLOWABLE PRESSURE (POS. & NEG. PSF)	
		NON-REINFORCED ASTRIGAL	REINFORCED ASTRIGAL
132	39	N/A	56.0
	36	N/A	59.9
	30	N/A	70.0
	24	N/A	75.0
120	42	N/A	59.1
	39	N/A	62.7
	36	N/A	66.9
	30	N/A	75.0
108	48	N/A	60.9
	42	N/A	67.2
	39	N/A	71.2
	36	N/A	75.0
96	54	46.8	65.9
	48	51.5	71.1
	42	57.7	75.0
	39	61.6	75.0
	36	66.0	75.0
	30	75.0	75.0
90	54	54.0	72.2
	48	59.2	75.0
	42	66.3	75.0
	39	71.3	75.0
	36	75.0	75.0
	60	59.3	75.0
84	54	63.3	75.0
	48	69.0	75.0
	42	75.0	75.0
	66	68.1	75.0
78	54	70.9	75.0
	48	75.0	75.0
	66	75.0	75.0
72	66	75.0	75.0

NON-REINFORCE ASTRIGAL SPAN MAY NOT EXCEED 96"



EXTERIOR ELEVATION
FIXED WINDOW MULLION TO FIXED WINDOW WITH NON-REINFORCED MULLION WHEN WINDOW WIDTHS ARE GREATER THAN THE MULLION LENGTH
 (SEE MULLION LOAD TABLE)
 (MULTIPLE UNIT NOTES ON SHEET 3 SHALL APPLY)
 SEE SINGLE WINDOW ELEVATION FOR WINDOW DETAIL NOT SHOWN

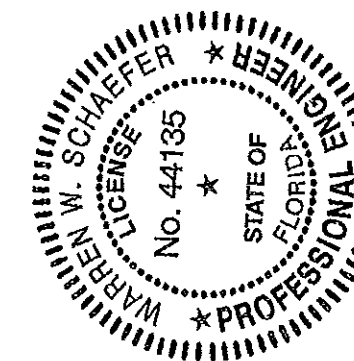
MULLION ALLOWABLE LOAD TABLE			
MAXIMUM MULLION SPAN (IN.)	MAXIMUM LOAD WIDTH (IN.)	ALLOWABLE PRESSURE (POS. & NEG. PSF)	
		NON-REINFORCED MULLION	REINFORCED MULLION
132	39	N/A	75.0
120	42	N/A	75.0
108	48	N/A	75.0
96	54	53.2	75.0
	48	58.6	75.0
	42	65.5	75.0
	39	70.0	75.0
	36	75.0	75.0
	54	61.3	75.0
90	48	65.9	75.0
	42	72.1	75.0
	39	75.0	75.0
	60	64.5	75.0
84	54	67.9	75.0
	48	72.5	75.0
	42	75.0	75.0
78	66	70.3	75.0
	60	72.5	75.0
	54	75.0	75.0
72	66	75.0	75.0

LESSER OF THE PRESSURE SHOWN IN THIS TABLE & THAT ALLOWED FOR THE INDIVIDUAL WINDOW SHALL CONTROL AS ALLOWABLE FOR THE OVERALL UNIT.

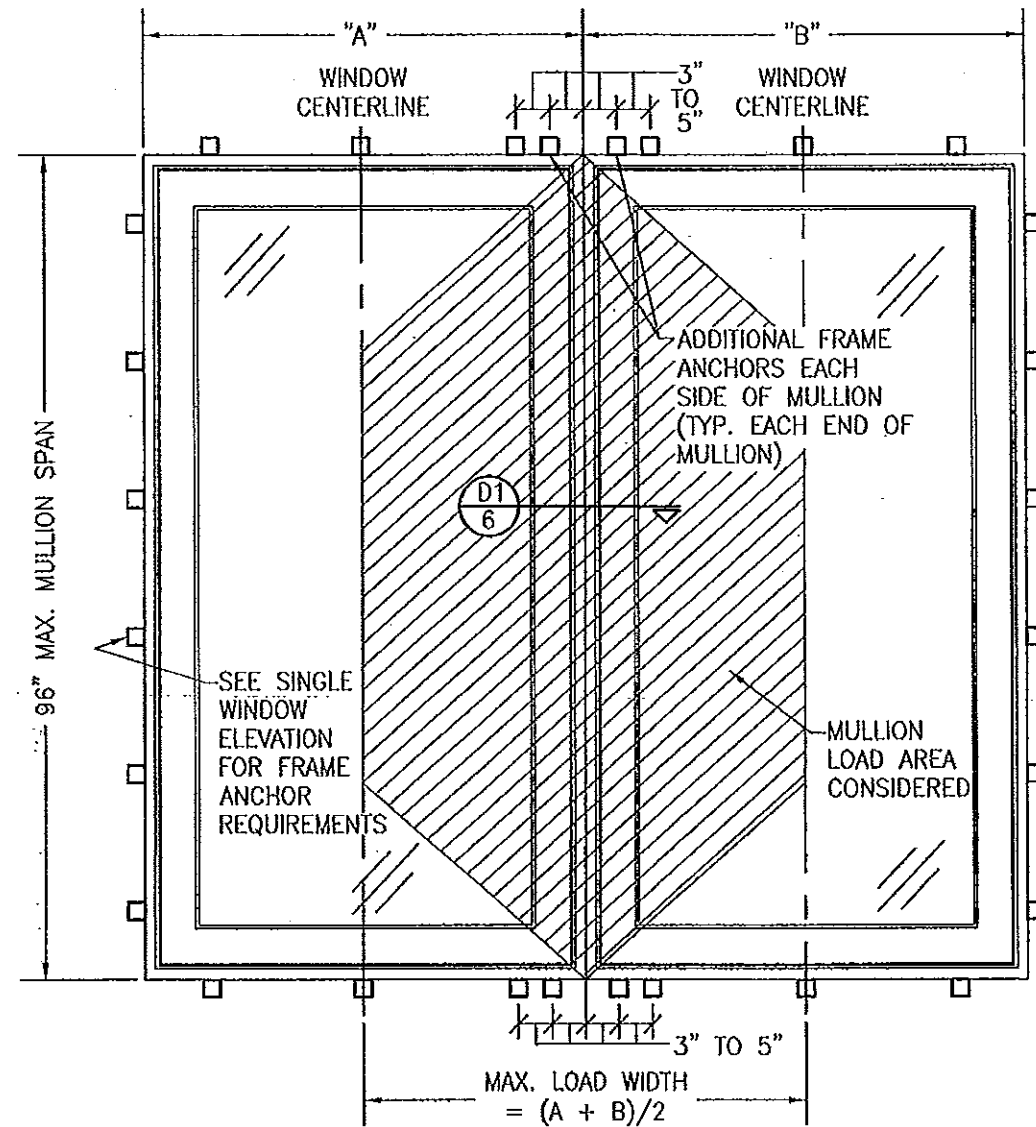
NON-REINFORCE MULLION SPAN MAY NOT EXCEED 96"

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 14-042109
 Expiration Date 08/18/2015
 By *[Signature]*
 Miami Dade Product Control

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 11-1024.08
 Expiration Date 08/18/2015
 By *[Signature]*
 Miami Dade Product Control



DRAWN BY: S.T.R.	CHECKED BY: W.W.S.
PLOT: 1-16	DATE: 3/15/05
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE AMERICAN OUT-SWING FIXED CASEMENT IMPACT WOOD WINDOWS	
MANUFACTURER PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE 561-744-3424	
CERTIFICATION OCT 19 2011 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1322	REV. B
SHEET NO. 2 OF 7	

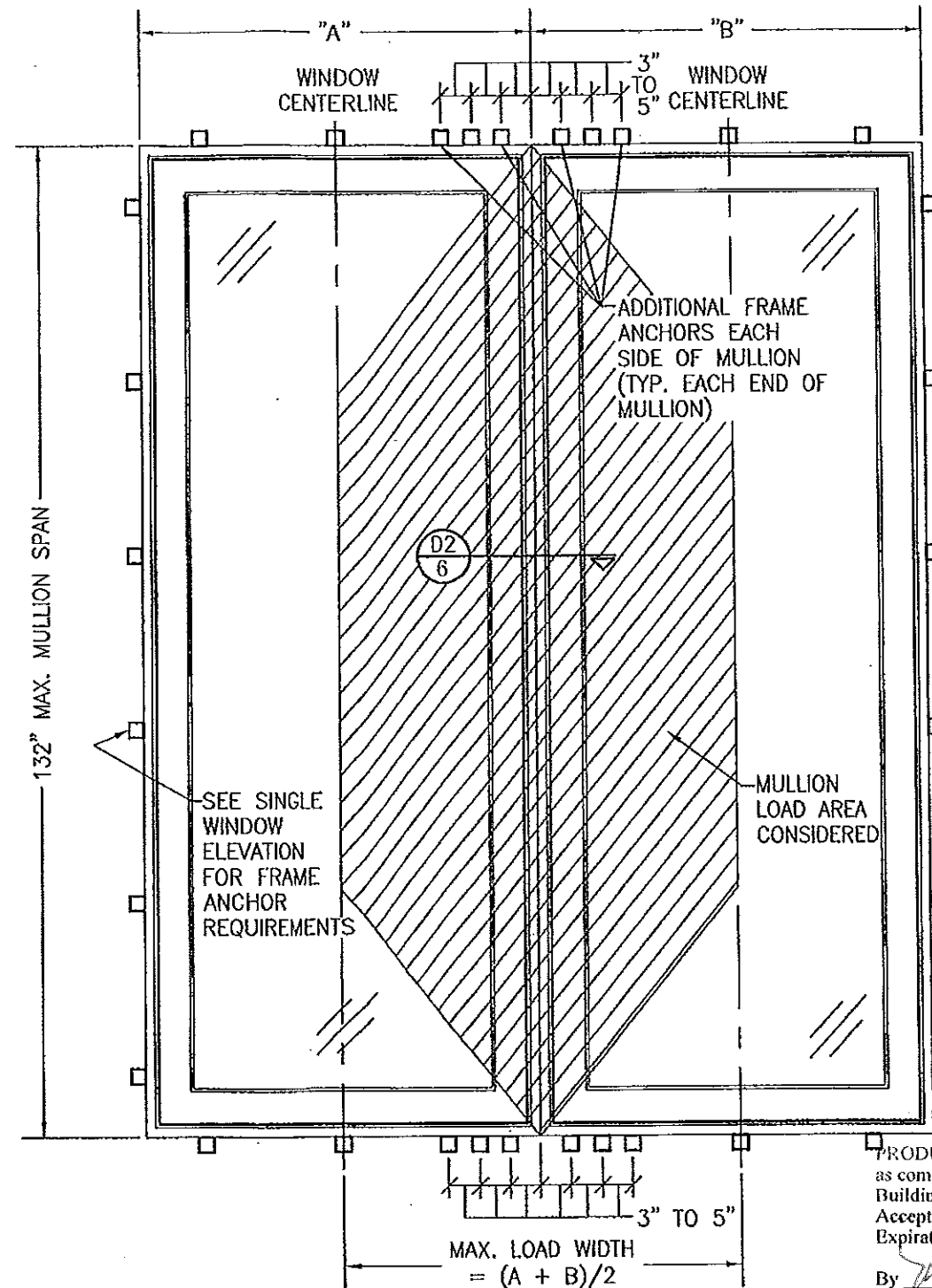


EXTERIOR ELEVATION
FIXED WINDOW MULLION TO FIXED WINDOW WITH
NON-REINFORCED MULLION WHEN WINDOW WIDTHS ARE
LESS THAN OR EQUAL TO THE MULLION LENGTH
(SEE MULLION LOAD TABLE)

SEE SINGLE WINDOW ELEVATION
 FOR WINDOW DETAIL NOT SHOWN

MULTIPLE UNIT NOTES:

1. ALL WINDOWS ARE RESTRICTED BY THE DIMENSIONS SPECIFIED.
2. THE MAXIMUM ALLOWABLE PRESSURE FOR A COMBINED UNIT IS RESTRICTED BY THE LESSER OF THE INDIVIDUAL WINDOW ALLOWABLE PRESSURE OR THE ALLOWABLE MULLION PRESSURE. SEE LOAD TABLES ON SHEET 2.
3. WINDOWS MAY BE STACKED HORIZONTAL OR VERTICAL. (IF VERTICALLY STACKED, MANUFACTURER MUST INSURE THAT THE DEAD WEIGHT OF THE WINDOWS DOES NOT CAUSE ANY WINDOW FAILURES OR DEFORMATIONS)

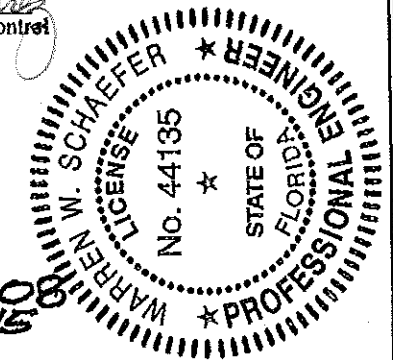


EXTERIOR ELEVATION
FIXED WINDOW MULLION TO FIXED WINDOW WITH
REINFORCED MULLION
(SEE MULLION LOAD TABLE)

SEE SINGLE WINDOW ELEVATION
 FOR WINDOW DETAIL NOT SHOWN

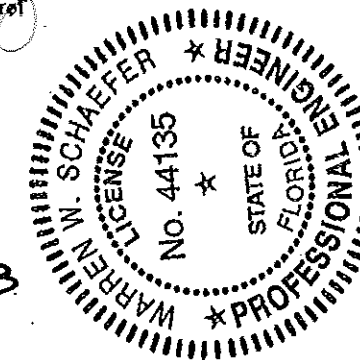
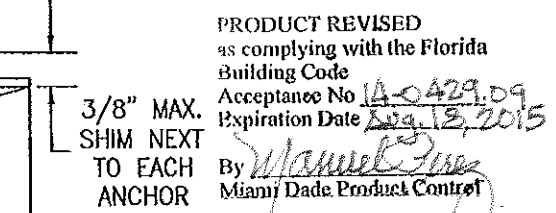
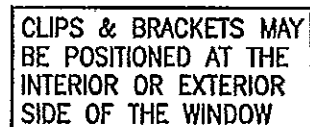
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 1A-0479.09
 Expiration Date 12/18/2015

By *Manuel*
 Miami Made Product Control

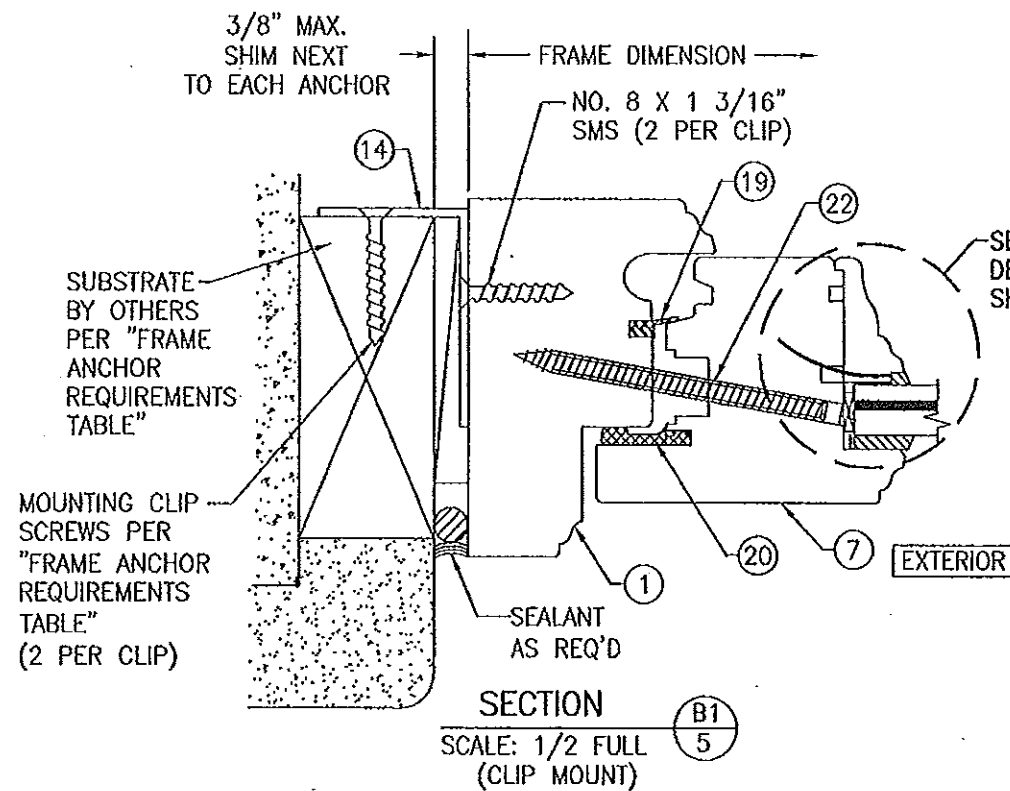


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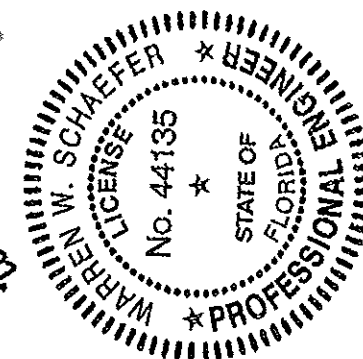
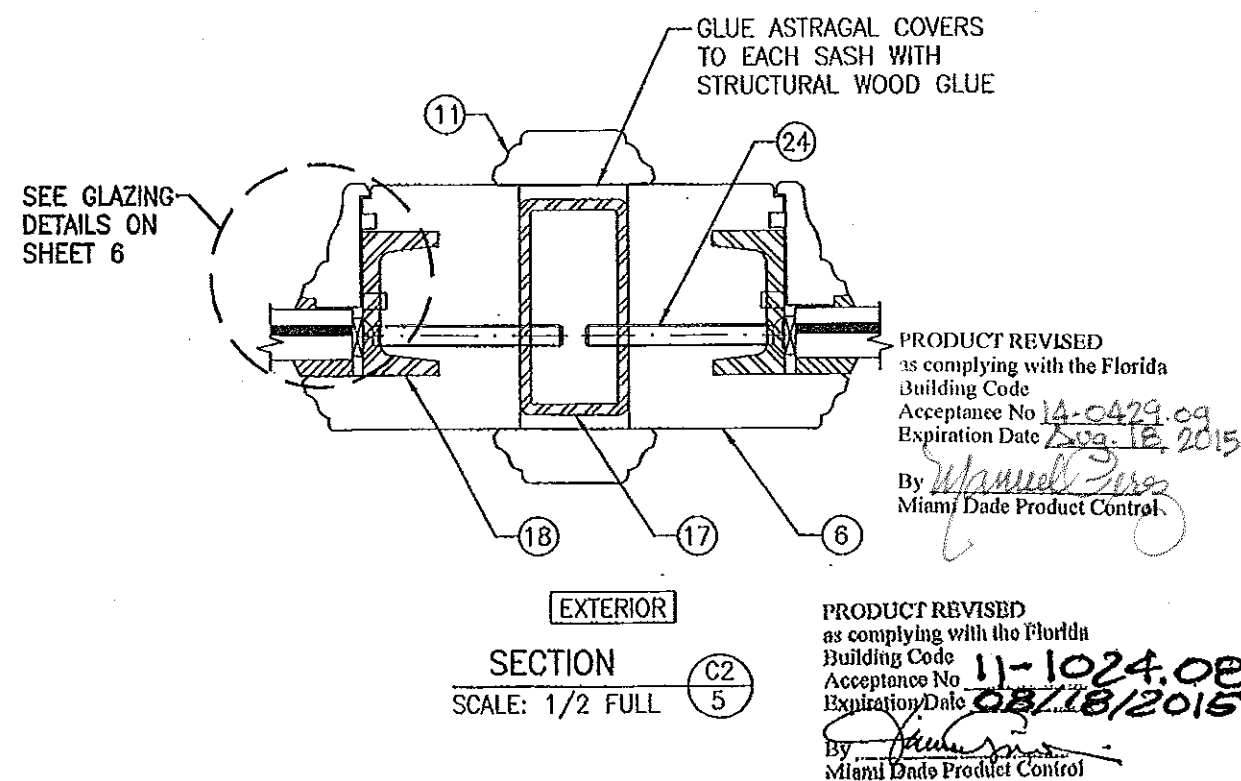
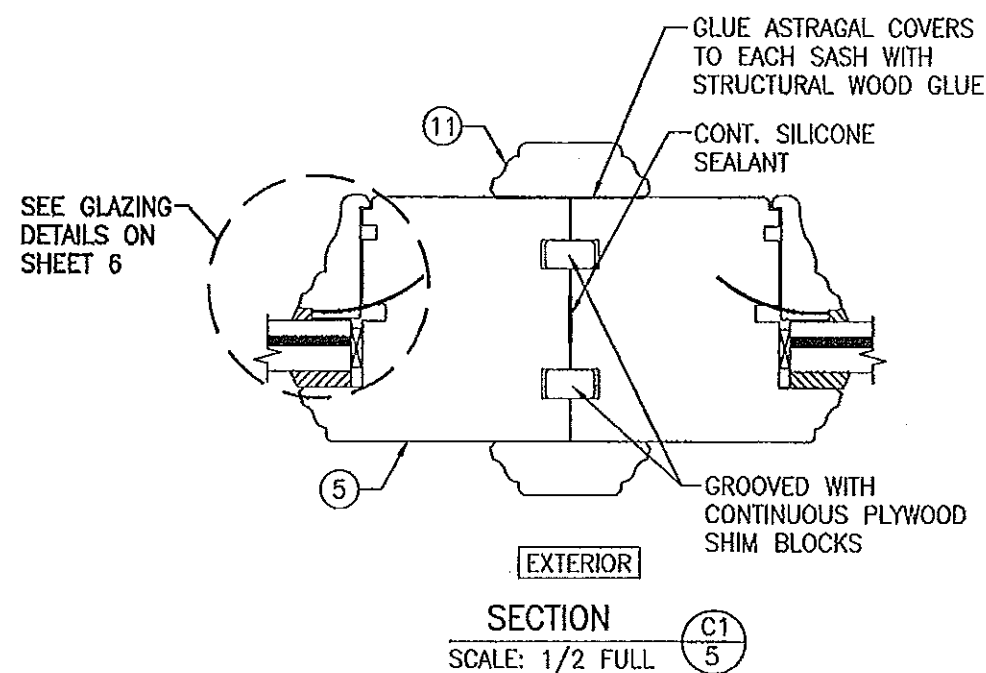
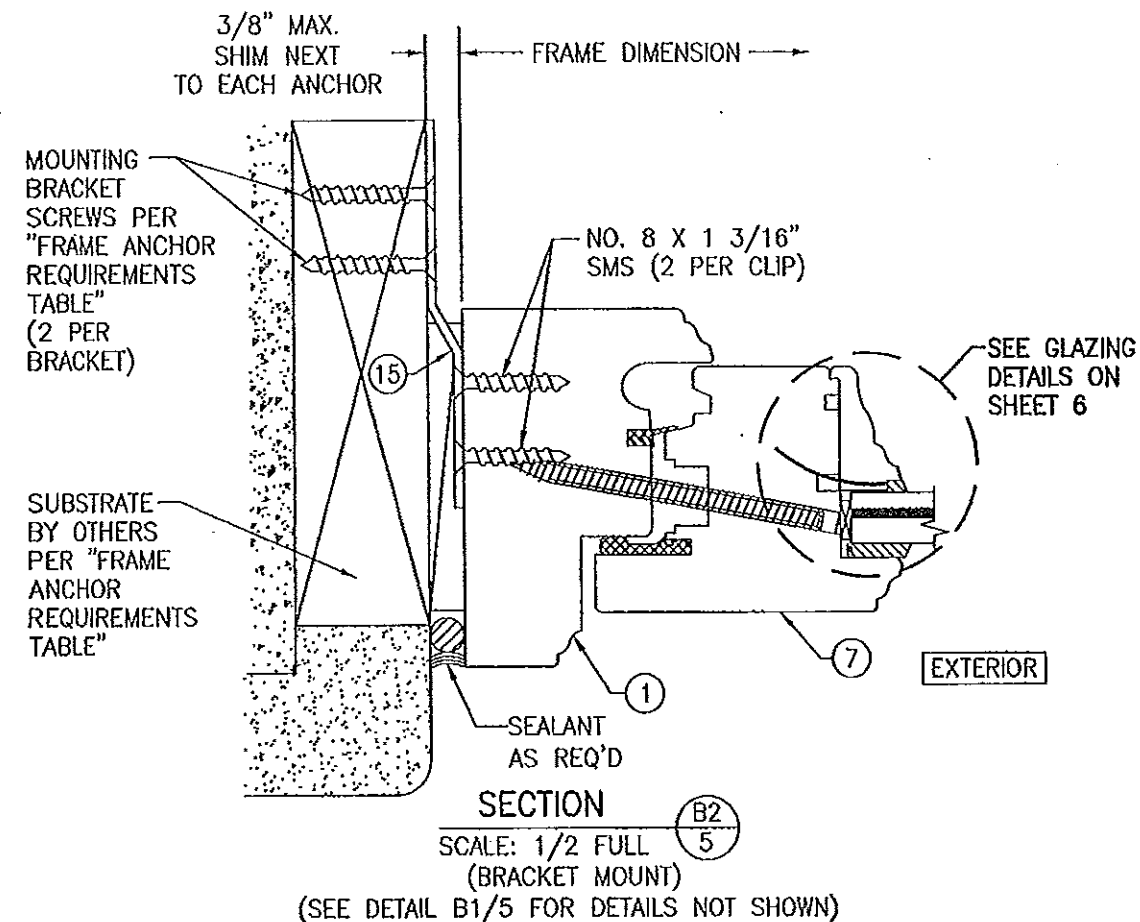
DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=16		DATE: 3/15/05	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE AMERICAN OUT-SWING FIXED CASEMENT IMPACT WOOD WINDOWS		MANUFACTURER PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE 561-744-3424		P.E. WARREN W. SCHAEFER P.E. NO. 44135	
DRAWING NO. 1322		REV. B	
SHEET NO. 3		OF 7	



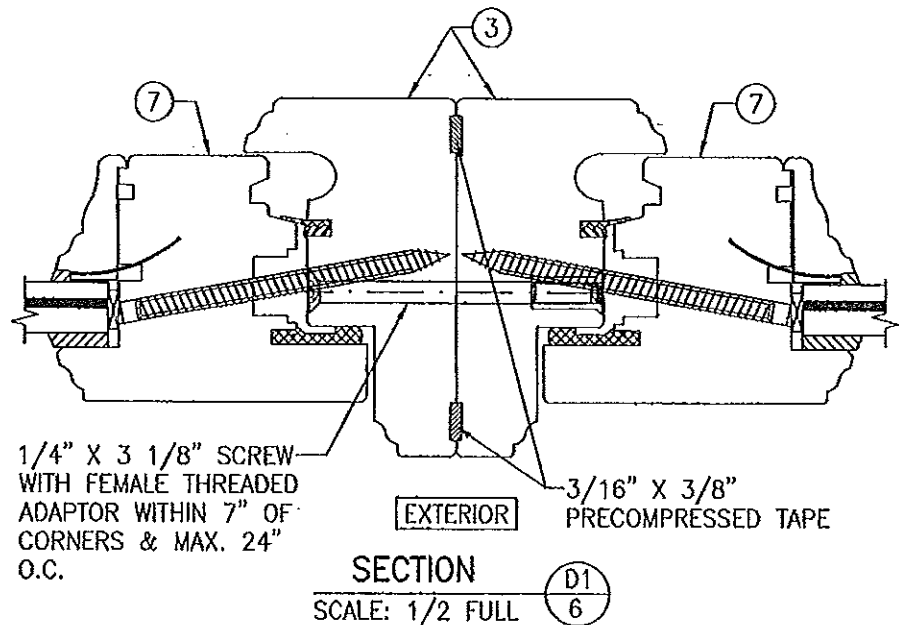
DRAWING NO. 1322		REV. B																														
SHEET NO. 4 OF 7																																
CERTIFICATION																																
OCT 19 2011																																
WARREN W. SCHAEFER, P.E. P.E. NO. 44135																																
DRAWING TITLE AMERICAN OUT-SWING FIXED CASEMENT IMPACT WOOD WINDOWS																																
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE 561-744-3424		MANUFACTURER PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET; SUITE 150 WESTON, FL 33331 954-659-3887																														
<table><tr><th>NO.</th><th>REVISION</th><th>DESCRIPTION</th><th>BY</th><th>DATE</th></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>			NO.	REVISION	DESCRIPTION	BY	DATE																									
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<table><tr><td colspan="2">DRAWN BY: S.T.R.</td><td>CHECKED BY: WAS</td></tr><tr><td>PLOT: 1=2</td><td colspan="2">DATE: 3/15/05</td></tr></table>			DRAWN BY: S.T.R.		CHECKED BY: WAS	PLOT: 1=2	DATE: 3/15/05																									
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PLOT: 1=2	DATE: 3/15/05																															



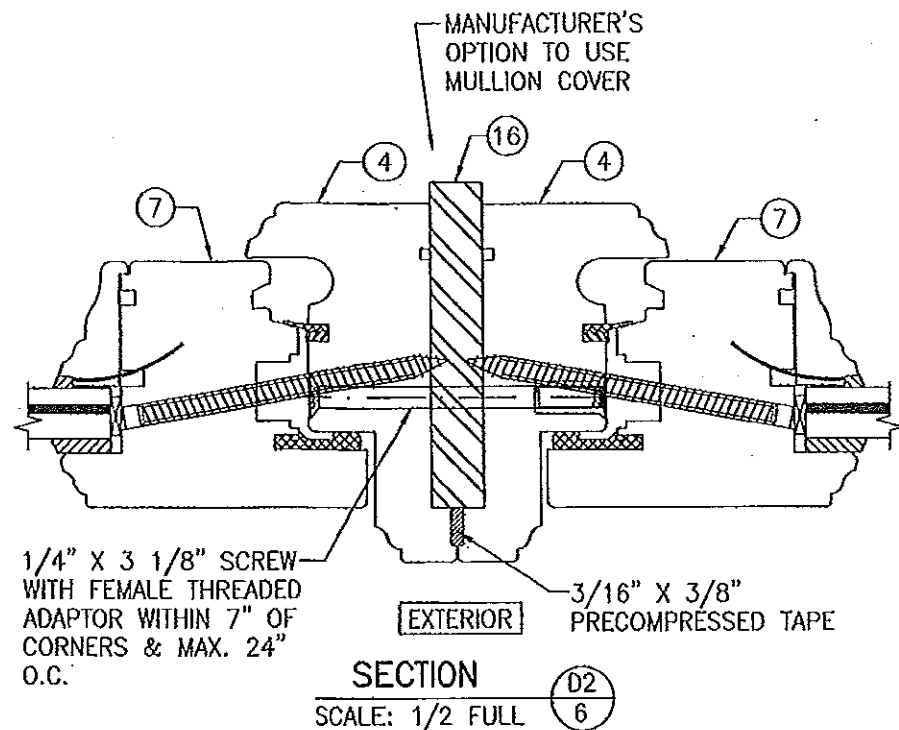
CLIPS & BRACKETS MAY BE POSITIONED AT THE INTERIOR OR EXTERIOR SIDE OF THE WINDOW



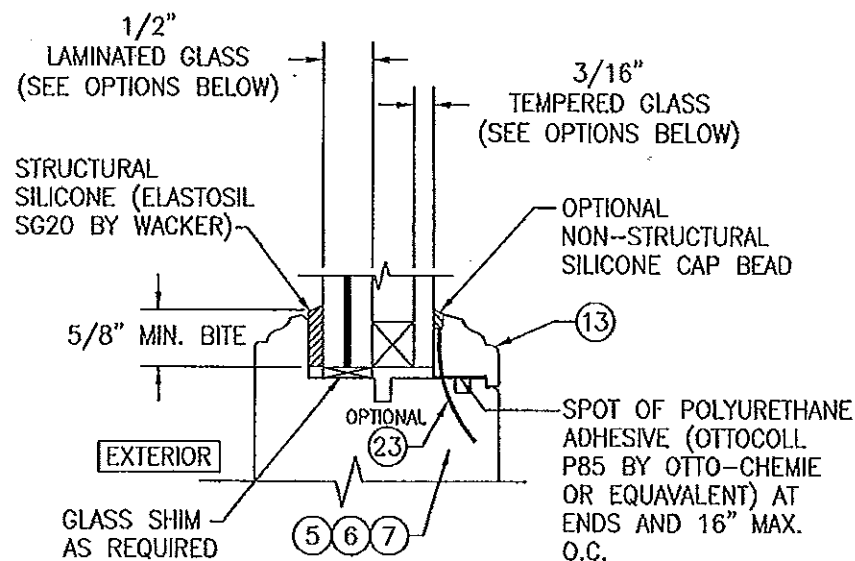
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PLOT: 1=2		DATE: 3/15/05	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE: AMERICAN OUT-SWING FIXED CASEMENT IMPACT WOOD WINDOWS			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER: PEETZ WINDOWS & DOORS	
7480 150TH COURT NORTH, PALM BEACH GARDENS, FL 33418		15951 S.W. 41ST STREET, SUITE 150, WESTON, FL 33331	
PHONE: 561-744-3424		954-659-5887	
CERTIFICATION: 08/19/2011		WARREN W. SCHAEFER, P.E. No. 44135	
DRAWING NO. 1322		REV. B	
SHEET NO. 5		OF 7	



(SEE SECTION B1/5 FOR DETAILS NOT SHOWN)

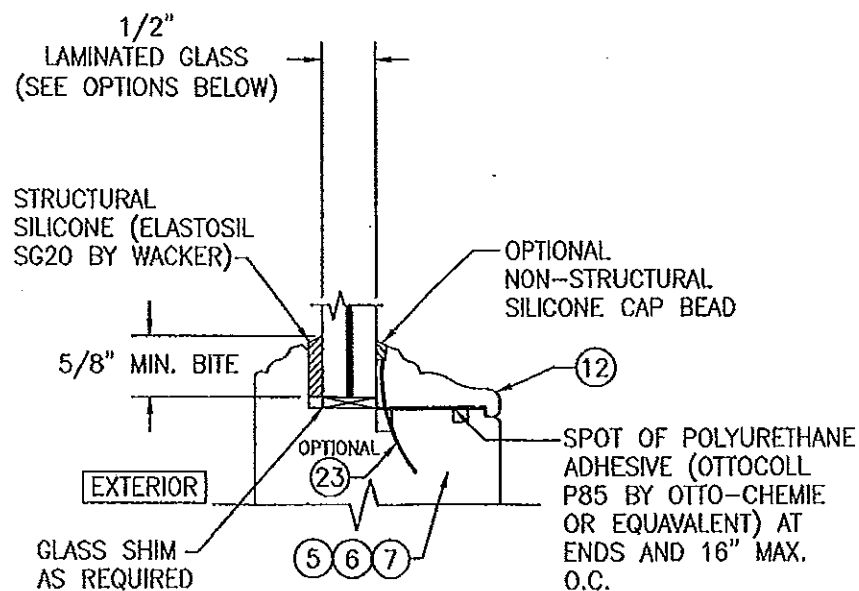


(SEE SECTION B1/5 FOR DETAILS NOT SHOWN)



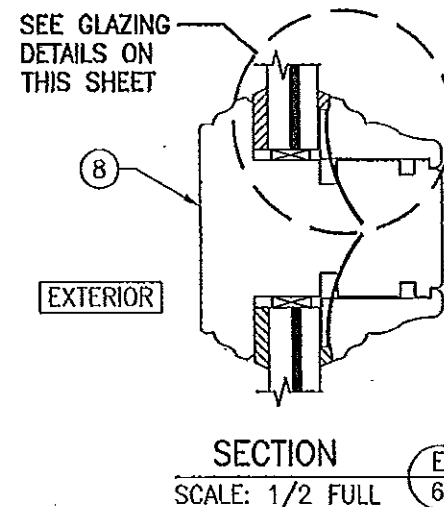
I.G. GLAZING DETAIL

- GLASS OPTION: 1. 1/2" THICK SOLUTIA SAFLEX III LAMINATED OUTER GLASS (3/16" AN/0.09 SAFLEX III PVB/1/4" AN); 3/16" TEMPERED SINGLE PANE INNER GLASS & 1/2" AIR SPACE
2. 1/2" THICK SOLUTIA VANCEVA LAMINATED OUTER GLASS (3/16" AN/0.075" VANCEVA/1/4" AN); 3/16" TEMPERED SINGLE PANE INNER GLASS & 1/2" AIR SPACE



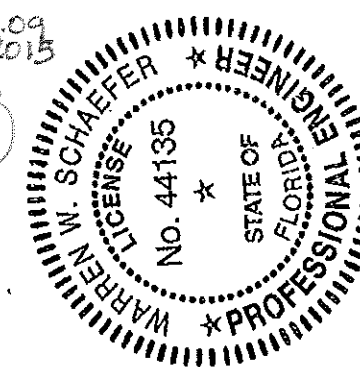
NON-I.G. GLAZING DETAIL

- GLASS OPTION: 1. 1/2" THICK SOLUTIA SAFLEX III LAMINATED GLASS (3/16" AN/0.09 SAFLEX III PVB/1/4" AN)
2. 1/2" THICK SOLUTIA VANCEVA LAMINATED GLASS (3/16" AN/0.075" VANCEVA/1/4" AN)

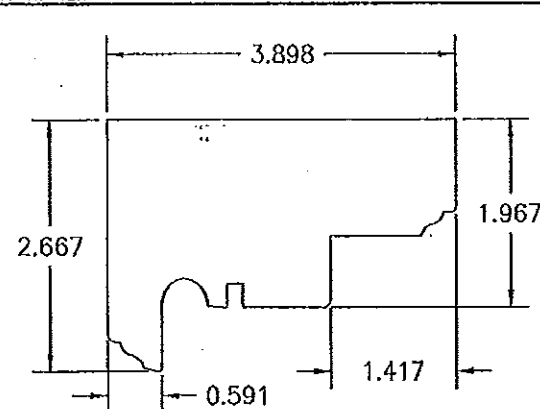


PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-0429.09
Expiration Date Aug 18, 2015
By *Manuel Perez*
Miami Dade Product Control

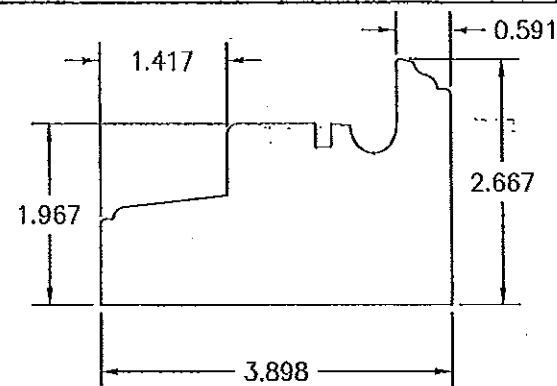
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Building Code
Acceptance No. 11-1024.08
Expiration Date 08/18/2015
By *Manuel Perez*
Miami Dade Product Control



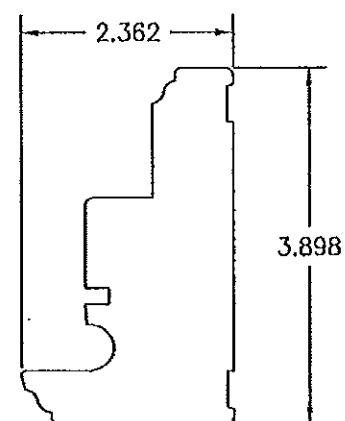
DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1-2		DATE: 3/15/05	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: AMERICAN OUT-SWING FIXED CASEMENT IMPACT WOOD WINDOWS			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER: PEETZ WINDOWS & DOORS	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-5424		15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
CERTIFICATION: OCT 19 2011		P.E. NO. 44135	
DRAWING NO. 1322		REV. B	
SHEET NO. 6		OF 7	



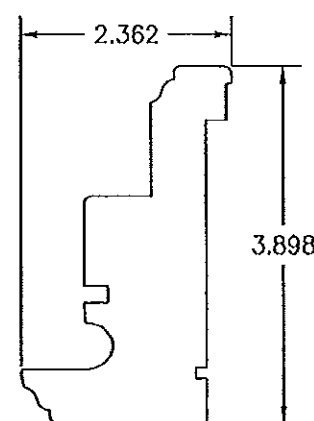
① HEAD AND SIDE JAMB



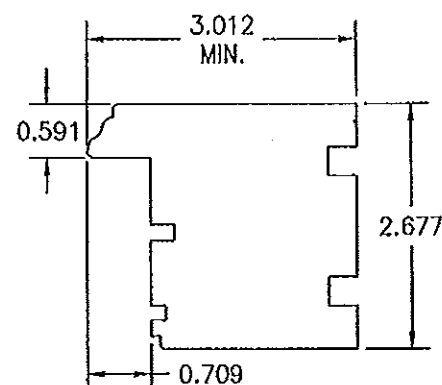
② SILL JAMB



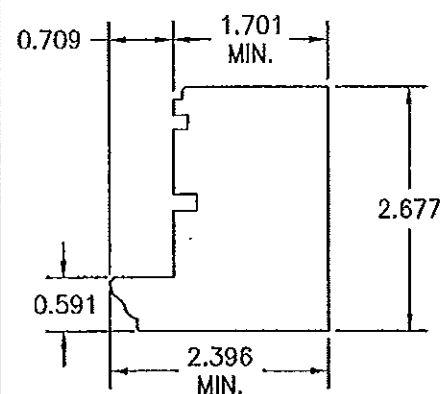
③ NON-REINFORCED MULLION JAMB



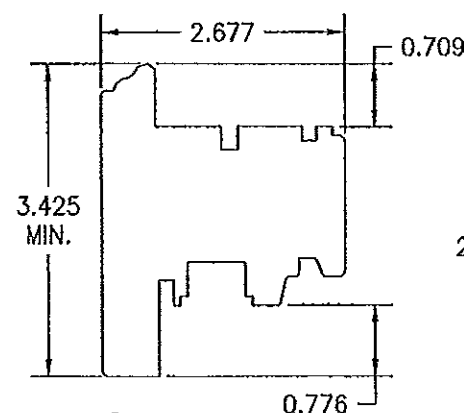
④ REINFORCED MULLION JAMB



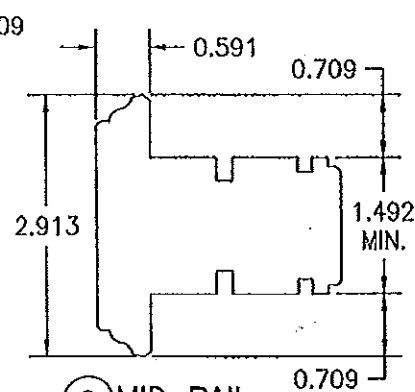
⑤ MEETING STYLE/ASTRAGAL (NON-REINFORCED ASTRAGAL)



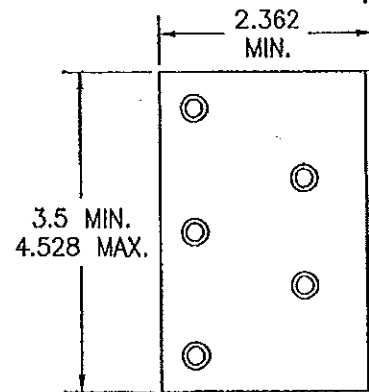
⑥ MEETING STYLE/ASTRAGAL (REINFORCED ASTRAGAL)



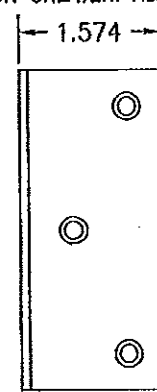
⑦ SASH



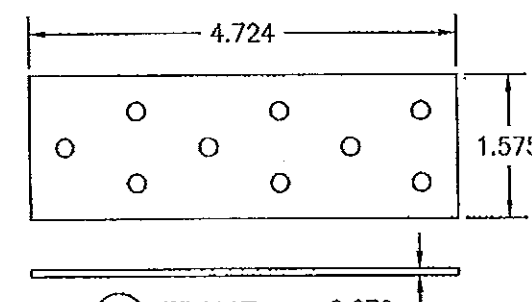
⑧ MID RAIL



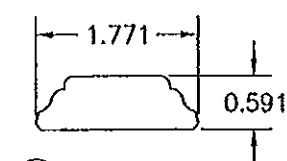
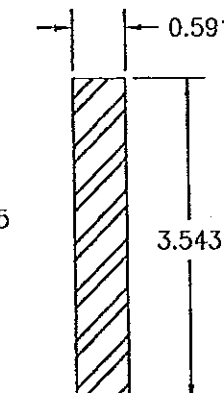
⑭ FRAME INSTALLATION CLIP



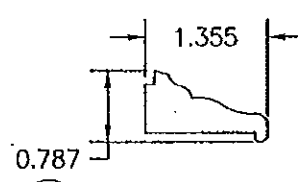
⑮ FRAME INSTALLATION BRACKET



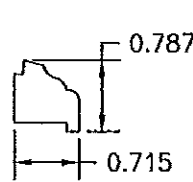
⑯ MULLION REINFORCEMENT



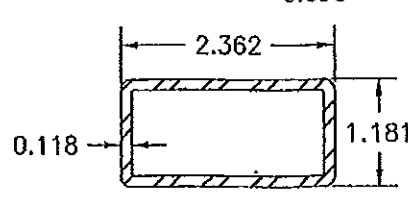
⑪ ASTRAGAL COVER



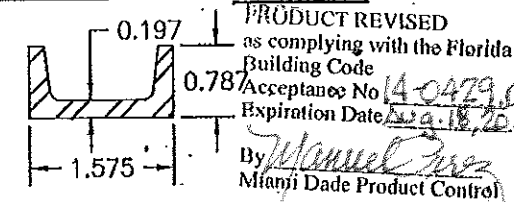
⑫ NON-I.G. GLAZING BEAD



⑬ I.G. GLAZING BEAD



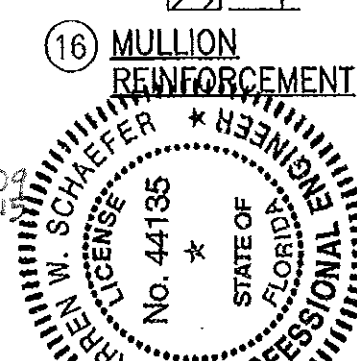
⑰ ASTRAGAL REINFORCEMENT



⑱ MEETING STILE REINFORCEMENT

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
1	HEAD AND SIDE JAMB	WOOD
2	SILL JAMB	WOOD
3	NON-REINFORCED MULLION JAMB	WOOD
4	REINFORCED MULLION JAMB	WOOD
5	MEETING STYLE/ASTRAGAL	WOOD
6	MEETING STYLE/ASTRAGAL	WOOD
7	SASH	WOOD
8	MID RAIL	WOOD
11	ASTRAGAL COVER	WOOD
12	NON-I.G. GLAZING BEAD	WOOD
13	I.G. GLAZING BEAD	WOOD
14	FRAME INSTALLATION CLIP	GALVANIZED 34.1 KSI STEEL
15	FRAME INSTALLATION BRACKET	GALVANIZED 34.1 KSI STEEL
16	MULLION REINFORCEMENT	A36 STEEL (FY = 36 KSI)
17	ASTRAGAL REINFORCEMENT	36 KSI STEEL TUBE WITH 2" END SET BACK
18	MEETING STILE REINFORCEMENT	36 KSI STEEL CHANNEL
SEALS AND SEALANTS		
19	SWEEP	GTG EPDM
20	COMPRESSION SEAL	SCHLEGEL
FASTENERS		
22	.295" X 3 5/8" AMO III GALVANIZED STEEL SCREWS	5 1/2" FROM INTERIOR CORNERS & 14" O.C. (AT ASTRAGAL ENDS, PLACE ADDITIONAL SCREW 8 1/2" OFF CORNER @ HEAD & SILL)
23	OPTIONAL 18 GA. X 1 1/4" GALVANIZED CURVED NAIL	10" FROM CORNERS & 20" O.C. (NOT APPLICABLE WHEN PART 18 IS USED W/ SASH)
24	1/4" X 2 3/16" SCREW	WITHIN 6" OF INTERIOR CORNER & MAX. 14" O.C.

NOTE: WOOD USED IN TESTING WAS MAHOGANY WITH A SPECIFIC GRAVITY OF $G = 0.67$ AND A MODULUS OF ELASTICITY OF $E = 1,700,000$ PSI. OTHER WOOD SPECIES APPLICABLE FOR USE WITH THIS PRODUCT ARE THOSE WITH A SPECIFIC GRAVITY OF 0.67 AND MODULUS OF ELASTICITY OF 1,700,000 PSI OR GREATER. ALL WOOD IS MINIMUM GRADE 2 MILLED BY PEETZ WINDOWS & DOORS TO SELECT.



DRAWN BY: S.T.L.		CHECKED BY: W.W.S.	
DATE: 1-2		DATE: 3/15/05	
REVISION DESCRIPTION			
NO.			
AMERICAN OUT-SWING FIXED CASEMENT IMPACT WOOD WINDOWS			
PEETZ WINDOWS & DOORS			
15951 S.W. 41ST STREET, SUITE 150			
WESTON, FL 33331			
954-659-3887			
CONSULTANTS			
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)			
7480 150TH COURT NORTH			
PALM BEACH GARDENS, FL 33418			
PHONE: 561-744-3424			
CERTIFICATION			
OCT 19 2011			
WARREN W. SCHAEFER, P.E.			
P.E. NO. 44135			
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REV. B			
SHEET NO. 7 OF 7			